1	What	What is claimed is:		
2	1.	A method for mapping objects onto a lightweight directory access protocol		
3	repos	sitory, comprising:		
4		requesting that an object be stored in a lightweight directory access		
5		protocol ("LDAP") repository, wherein the object includes attributes and is		
6		used in an object-oriented programming application;		
7		retrieving a list of persistent attributes from the object, wherein the		
8		persistent attributes are a subset of the attributes and wherein the persistent		
9		attributes each comprise a persistent attribute value;		
10		determining a path, wherein the path identifies a location in the		
11		LDAP repository;		
12		retrieving the persistent attribute values from the object; and		
13		storing the object in the LDAP repository so that the persistent		
14		attributes are stored in a format that is useable by applications other than the		
15		object-oriented programming application.		
16				
17	2.	The method of claim 1, wherein storing the object in the LDAP repository		
18	comprises:			
19		mapping the persistent attributes to LDAP attributes;		
20		passing the persistent attribute values to the LDAP repository;		
21		storing the persistent attribute values in the LDAP attributes at the		
22		path based on the mapping.		
23				
24	3.	The method of claim 2, wherein the persistent attributes each have a name		
25	and v	wherein mapping the persistent attributes to LDAP attributes comprises adding		
26	a prefix to the persistent attribute name.			
27				
28	4.	The method of claim 3, wherein the prefix identifies the object-oriented		
29	progr	ramming application and an organization.		
30				
31	5.	The method of claim 2, wherein the persistent attribute values are passed to		
32	the L	DAP repository as an LDAP object comprising the LDAP attributes and the		
33	persi	persistent attribute values.		

1	6.	The method of claim 1, wherein the object-oriented programming			
2	appli	application has a name and the object has a name and wherein the path includes the			
3	objec	object-oriented programming application name, a container name and the object			
4	name	name.			
5					
6	7.	The method of claim 1, wherein the object represents one of the following: a			
7	user,	user, a node, a node group, a role or a tool.			
8					
9	8.	The method of claim 1, wherein the objects are Java objects.			
10					
11	9.	The method of claim 1, wherein the object-oriented programming			
12	appli	application is implemented in Java.			
13					
14	10.	The method of claim 9, wherein the persistent attribute values are retrieved			
15	from	from the object using Java reflection.			
16					
17	11.	A method for retrieving objects mapped onto a lightweight directory access			
18	proto	ocol repository, comprising:			
19		requesting that an object be retrieved from a lightweight directory			
20		access protocol ("LDAP") repository, wherein the object includes attributes			
21		and is used in an object-oriented programming application;			
22		retrieving a list of persistent attributes from the object, wherein the			
23		persistent attributes are a subset of the attributes and the persistent attributes			
24		each comprise a persistent attribute value;			
25		determining a path, wherein the path identifies a location in the			
26		LDAP repository;			
27		retrieving the persistent attribute values from the location in the			
28		LDAP repository identified by the path; and			
29		setting the persistent attributes in the object with the retrieved			
30		persistent attribute values.			
31					
32	12.	The method of claim 11, wherein retrieving the persistent attribute values			
33	from	the LDAP repository comprises invoking an LDAP read method and passing			

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the path with the read method invocation to the LDAP repository.

1	13.	The method of claim 11, wherein the objects are Java objects.		
2				
3	14.	The method of claim 11, wherein the object-oriented programming		
4	application is implemented in Java and wherein Java reflection is used to implement			
5	the setting step.			
6				
7	15.	A computer readable medium containing instructions for mapping objects		
8	onto a lightweight directory access protocol repository, by:			
9		requesting that an object be stored in a lightweight directory access		
10		protocol ("LDAP") repository, wherein the object includes attributes and is		
11		used in an object-oriented programming application;		
12		retrieving a list of persistent attributes from the object, wherein the		
13		persistent attributes are a subset of the attributes and the persistent attributes		
14		each comprise a persistent attribute value;		
15		determining a path, wherein the path identifies a location in the		
16		LDAP repository;		
17		retrieving the persistent attribute values from the object; and		
18		storing the object in the LDAP repository so that the persistent		
19		attributes are stored in a format that is useable to applications other than the		
20		object-oriented programming application.		
21				
22	16.	The computer readable medium of claim 15, wherein storing the object in		
23	the LI	DAP repository comprises:		
24		mapping the persistent attributes to LDAP attributes;		
25		passing the persistent attribute values to the LDAP repository;		
26		storing the persistent attribute values in the LDAP attributes at the		
27		path based on the mapping.		
28				
29	17.	The computer readable medium of claim 15, wherein the objects are Java		
30	objects.			
31				
32	18.	The computer readable medium of claim 15, wherein the object-oriented		
33	programming application is implemented in Java and the persistent attribute values			
34	are retrieved from the object using Java reflection.			

1	
2	19. A computer system that supports mapping objects onto a lightweight
3	directory access protocol repository, comprising:
4	a lightweight directory access protocol ("LDAP") repository;
5	a processor that runs an object-orient programming application,
6	wherein the object-oriented programming application generates:
7	an object, wherein the object includes attributes and is used in
8	an object-oriented programming application;
9	a persistent data manager, that acts as a layer between the
10	object and the LDAP repository, wherein the persistent data manager
11	stores the object in the LDAP repository by:
12	retrieving a list of persistent attributes from the object,
13	wherein the persistent attributes are a subset of the attributes
14	and the persistent attributes each comprise a persistent
15	attribute value;
16	determining a path, wherein the path identifies a
17	location in the LDAP repository;
18	retrieving the persistent attribute values from the
19	object; and
20	storing the object in the LDAP repository so that the
21	persistent attributes are stored in a format that is useable to
22	applications other than the object-oriented programming
23	application.
24	
25	20. The computer system of claim 19, wherein storing the object in the LDAP
26	repository comprises:
27	mapping the persistent attributes to LDAP attributes;
28	passing the persistent attribute values to the LDAP repository;
29	storing the persistent attribute values in the LDAP attributes at the
30	path based on the mapping.
31	